

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5867] .jpg pics  
Message-ID: <199603190638.GAA10514@chuck.dallas.sgi.com>

Gang,

I have moved to ftp.lehigh.edu under /pub/listserv/qrp-1/incoming the following files:

gm30.jpg - picture of NN1G GM-30 in TenTec TP-41 case.  
march.jpg - the new Mike March Iambic Paddle  
mcelroy.jpg - Ted McElroy Teardrop-base Straight Key and Bunnell key  
racer.jpg - Vibroplex Brass Racer with square base and without wooden base as K5FO uses it daily  
spain.jpg - wooden base Iambic paddle made in Spain by Llaves Telegraficas Artesanas and I'll follow up with a report and details  
swl40.jpg - NN1G's Small Wonders Lab SWL40 with case  
wr40.jpg - Wilderness Radio NorCal40a

If you know how to get 'em, have at it. Or wait until they are announced on the www.

I am not a professional photographer, so any problems are my own errors. I used an HP scanner and played with intensity and contrast values and DPI values then used XV on a UNIX workstation to convert from RGB to JPEG. Used fixed values for accuracy and smoothing and I think that the images look pretty good. The idea here is to experiment and learn. I have a bunch more to do. I should have the Envirotronics paddle by Friday. Then I'll compare with the other paddles.

Steve Hideg and Jim Eshleman are going to put them at the www site if the images work OK and they will post when this happens. If you have ftp access try them out as they are. I'll do some more next week unless Steve and Jim consider this too much work and non-productive. It's another week of 13hr days for me, so hold on before I can have some more photos.

I am looking for JPEG to PostScript conversion to Encapsulated PostScript (epsf) with a decent output. Pointers appreciated. I want, if possible, newspaper half-tone quality capability with an HP laserjet printer. Can this be done?

I'm typing this in a 0630Z and am hearing a 4 on 30M at 10.106MHz. Who says the band is dead? This with OHR Explorer II and GM-30. Let's see is that Monday or Tuesday? :-) It's very early Tue morning local time.

dit dit es tnx

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Doug Hendricks <ki6ds@telis.org>  
Subject: [5894] 40-9er Kits  
Message-ID: <314F2036.818@telis.org>

Guys, Rich Penc asked and here is the answer. Yes we have kits for the 40-9er available. To order the pcboard and all board mounted parts plus a 6 page manual, send \$25 to Jim Cates, 3241 Eastwood Rd., Sacramento, CA 95821. If you are DX, add \$5 for shipping. Make checks out to Jim Cates, not NorCal. US funds only. Far Circuits will ship the boards tomorrow (Weds.) overnight, and all I have to do is drop a board in the bag and ship it off as I have the kits all ready except for the boards.

Keep the stories coming on your successes or failures, and if you come up with a mod, let me know so I can publish it in the June issue. 72,  
Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: penc@elan.mrwo.mcgill.ca  
Subject: [5877] 49ers, T-2  
Message-ID: <9603191532.AA25241@elan.mrwo.mcgill.ca>

Gang:

Anyone know if the 49er kits are still available from Norcal (parts and circuit

board)? I donno how many kits they made and how far they have sold at this point. (I guess if someone decided to sell their 49er they could call it a "Mint-condition" rig (hi hi)).

On another note (not totally QRP related: Anyone have any info on how to renew a commercial T-2 (radiotelegraph) license nowadays? Mine expires in May and I'd like to renew it (provided the license still exists). Email direct.

Thanks!!

de Rich WK2A  
penc@radar.mcgill.ca

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [5909] A pattern to the "No access" problem  
Message-ID: <Pine.SOL.3.91.960319202745.22792F-100000@utkux4.utcc.utk.edu>

Thanks to all who responded to my request to check out access to QRP Information at the <http://qrp.cc.nd.edu/qrp-l> site.

All Netscape users had no problems accessing the lehigh documents that came via ftp.

All Lynx users had problems. What the problem is is unclear. Steve has offered to revise the URLs if anyone can let him know what is needed to overcome the Lynx limitation, assuming something will overcome it.

Of course, all the Lehigh documents are accessible via direct FTP or by the GET command to [LISTSERV@LEHIGH.EDU](mailto:LISTSERV@LEHIGH.EDU).

But perhaps someone know Lynx well enough to advise us on what will overcome this limitation (besides installing Netscape--my TIA/Trumpet/Netscape experiments are not yet satisfactory with Windows 3.1).

Thanks again to all who reported and developed the pattern.

-73-  
LB, W4RNL

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: dgf@netcom.com (David Feldman)

Subject: [5897] Anyone tried MIZUHO MX-3.5S (75M) HT?  
Message-ID: <199603192119.NAA23522@netcom3.netcom.com>

Has anyone here tried the 75/80M version of the MIZUHO SSB/CW HT? Did you try it with a collapsible whip antenna? What frequencies were used? What results were seen? Do you still have the unit?

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Mike J Pulley <Mike\_J\_Pulley@ccm.ch.intel.com>  
Subject: [5907] Calculating distances for 1000 m/W award

John,

Perhaps you've already gotten your answer to "how do I calculate the distance?" I haven't seen it float by, so here's my method. Others may share your question, so I'm posting to the list, too.

I rely on the World Wide Web. You will need a browser.

1. Go to the Buckmaster homepage and get the latitude and longitude for the station you worked. Get your lat/long, too, while you're at it.

Example: N1TKS is at 41.021181N, 73.63394W. (I think it's based on his post office.) Your location is 47.475320N, 122.62087W.

The Buckmaster page lists lat/long only for U.S. callsigns.

The Buckmaster homepage URL is [www.buck.com/cgi-bin/do\\_hamcall](http://www.buck.com/cgi-bin/do_hamcall)

2. Go to the Indo "How far is it?" homepage. Plug in your lat/long and the other guy's lat/long and viola! Out pops the distance as the crow flies.

Example: N1TKS is 2430 miles from you.

If you don't have the DX lat/long, plug in a nearby city.

Example: If JA2FEA is near Tokyo, he is 4787 miles from you.

The URL for the Indo homepage is [www.indo.com/distance/](http://www.indo.com/distance/)

3. Simply divide the distance by the minimum power used during the QSO.

Example: The m/W for N1TKS is  $2430/2 = 1215$  m/W ...a winner!

Example: JA2FEA is  $4787/4.5 = 1063.8$  m/W ...a marginal winner, depending on the Tokyo assumption. You can only afford to be wrong about his proximity to Tokyo by 287 miles and still qualify. Check your assumption in the atlas.

So...

```
while (John == happy_ham)
{
    operate_QRP();
    calc(miles_per_watt);
    if (miles_per_watt >= 1000)
        submit_application_for_both_of_you();
}
```

This method works for me. Give it a try.

Regards,

-- Mike, WB4ZKA  
Phoenix, AZ

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Dave Fifield <fifield@lan.nsc.com>  
Subject: [5906] Cirkit Orders  
Message-ID: <314F645F.AAB@lan.nsc.com>

Ted,

I placed a \$150 order with Cirkit just prior to Christmas. One of the items I wanted was on back order (qty 4, Jackson vernier tuning dial/knobs as it happens - these are beautifully made, spun aluminum jobs with integral 6:1 ball drives).

They shipped my order in late January; no problems. As far as I know, they will still accept any size order from the US....you just have to pay the shipping (which is not much more than Digikey charge!).

Dave Fifield

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-----  
| LAN Applications Manager      | KE6ZBZ      |  
| National Semiconductor Corp   | QRP-L #92   |  
|                               | Norcal too  |  
-----
```

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5866] Fox Winners - 2 to go  
Message-ID: <199603190607.GAA10471@chuck.dallas.sgi.com>

Gang,

N6ULU, Stan, and WA9PWP, Paul, are the winners in the hunters and Smitty, NA5K, is the winner in the fox catagory. So once again we have a tie in the race and a chance for W6ZH to make it a three-way. So another \$144 comes outta my pocket for another two GM-xx's to go into the prize pool. Good job guys.

There are two more foxii this week, Mike, NQ7K, and Paul, VE7CQK, with Mike at 0200-0400Z on Tuesday nite and Paul on Thursday nite at his posted times. Mike will follow up with his plans.

W6ZH, Pete, will have a chance to catch up to the top two contenders. N6ULU and WA9PWP scores are frozen and are eliminated from any increases for their contacts this week. So Pete the pressure is on to get one more. :-)  
Now Stan and Paul, if they so chose can add the count to the fox score.

There will be no more fox hunt for this year after this week. It did go by so fast. Seems like it was only yesterday that the fun and hard work began again.

Certificates to all participants to follow. Some one think of wording for same. Short and sweet please. Humour would help too. Paul? Email to me.

I'll have the final tally as soon as I get this weeks results. We did manage to generate a large number of exchanges and a lot of time spent at the controls searching for the elusive fox and propagation. Please no suggestions to move to 80M or other bands for next year. It was tried last year and didn't seem to meet with much success. I still stick with my original plan of 40M as the band that most people had rigs on and Novices could operate also. Next year we'll add in points for 49er contacts as a bonus or similarly handicapped 'toy' radios. :- ) Joke guys - joke. :- ) We'll add on a Novice point bonus if we can find a few Novicii to join in the fray as a fox. We may also take previous winners outta the running for the prizes for a period of two years just to even out the playing field. They've proved their skill and rig performance and have set scores and feats to be challenged by the remainder of the group.

Email me what you think about going to just one fox per week. I personally think that two is an added burden on time looking for the fox. Sure it doubles the chances of a success, but this is just a hobby gang.

Get your 30M antennas tuned and pruned for the summer propagation study. I have 5 more states to go - AK, DE, NV, ND, and RI. Some of you have 50 to go or less. Those who haven't studied and upgraded have to June 1 to get with the program so that you too can come up to 30M and play. Incentive upgrade plan in effect. Let the group know if you need help in the theory or code practice.

For those new to the group W03B and I had a race last year on 30M. This year I'll take on anyone at 5W or less. We start at zero and go. We'll agree on a scoring technique and goals and go from there. I only ask that you play fair. I'm personally stuck and committed below 0.95W until I get the last 5 states, then I'm

coming back up to 2W for DXCC. Now for the contest phobia crowd, this is not a contest. This is a study. 30M proved to be a very good QRP hangout last summer from June 1 to September 1. Winter months showed poor propagation. In fact I missed 30M a lot and this really something for someone who has spent almost 40 years on 40M. Hopefully this summer will prove to be fruitful too. That's what the study is all about. Check it out. The commercial RTTY should be back on 10.106 in few weeks or by Dayton. So I think I will move up to 10.120 to 10.125 and see how that range is, but wander down when I hear the DX on lower frequencies.

The band was staying open to midnight a lot of the summer, so maybe - just maybe this year too. Come on sunspots, do your stuff.....

I was using the Small Wonders Lab SWL30 and the OHR Explorer. This year I'll have another rig in the GM-30 from NN1G. I'm anxious to put the rig through its paces. Also the MXM simple transceiver on 30M.

First meeting in June I'll have the NorTex crowd measure them at the meeting and mark each with red nail polish to begin the summer.

We need some more work on cheap and efficient antennas on 30M. We're between 20M and 40M, so it's a big beam or a smaller dipole/long wire. Tough decision. Ground planes and verticals are good candidates. All ideas and research welcomed. W5TFB has done some NEC calculations on a wire antenna that looks promising.

Film at 11. And thanks to each and everyone that participated in this years "foxhunt". You all did good and hopefully it helped some people rack up some new states, make some new friends, get a new appreciation of what QRP is all about under good and adverse conditions, and certainly good sportsmanship among all that participated helped a great deal. It wasn't cut throat.



Did anyone upgrade as a result of renewed interest and enthusiasm and get back on the air after being QRT for some time? I hope so.

Hopefully we are all friends here. Keep the egos at home. :-)) Heck I only racked up a count of 2. Then there is always next year.

dit dit

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Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [5879] FS: OHR Sprint II Special Offer  
Message-ID: <960319161627\_75230.1405\_HHB64-1@CompuServe.COM>

Found two more-- last chance!

Special Limited-time Offer for QRP-L Members  
Oak Hills Sprint II Kits (30M) for \$65.00 post-paid.

Oak Hills has discontinued the Sprint II kits, but I have six of them, all on 30M. I'm giving first priority to QRP-L members, first come first served. They were \$89.95 (+ 5.50) in the catalog, so this is a real opportunity to build a quality kit and get onto a quality band [g] if you don't already have 30M capability.

You can call me on (303) 752-3382 and place a credit card order (Visa, MC, Disc., and Amex). Or if you trust your e-mail links (it's reasonably secure at my end) you can e-mail credit card number and expiration date to me at 75230.1405@compuserve.com. I can also send COD but it costs another \$6.50. In the unlikely event these don't go right away, I can take checks, money orders, and iou's. [g]

Rig specs follow...

73/72  
Marshall  
AA0XI/VK5FN

OHR QRP Sprint II

High performance DC receiver with diode ring mixer  
VFO tuning with 8:1 vernier dial covering 50Khz on 30M

RIT  
Bandpass type audio filter  
Sidetone oscillator with level control  
Silky smooth QSK  
2 watts RF output  
Current drain 40mA on Rx, 220mA on Tx  
Measures 2.5x5x5 inches, weights 18oz.  
100% complete kit  
ALL COILS ARE PRE-WOUND

<<>>

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: QLF@mimi@magic.itg.ti.com  
Subject: [5878] HAM RADIO RELATED WEB SITES  
Message-ID: <9603191603.AA22899@itg.ti.com>

From: Brad Bradfield QLF

Subj: HAM RADIO RELATED WEB SITES

How 'bout someone taking the action to begin compiling ham radio related web sites, categorizing them, and placing them in a retrievable file in the QRP-L archives. I am not yet on the Internet (E-mail only) so am not a very good candidate at all.

73's

Brad, WB0CGH

\*\*\*\*\*

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ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)

Collector of wireless and landline Morse keys and accessories.

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From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: N1QQV@aol.com  
Subject: [5910] High Class Operator  
Message-ID: <960319210222\_172475185@emout08.mail.aol.com>

I have been trying to work a Fox, for 'lo these many weeks, with no success. In fact, I never even heard a Fox. I sometimes copied hams working a Fox, but.... On the 14th of this month I lucked out and worked Mike, WB4ZKA. When I heard my callsign coming back to me I promptly forgot what the exchange was supposed to be (shock?) and Mike had to patiently lead me through and make sure that I had it right. When he found out that this was a "first" he told me to watch my mailbox. Today, I not only got a QSL from Mike, I got a "WB4ZKA First Award" certifying the momentous occasion! Mike, you're a class act.

TNX and 73, Ken

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Mario Lorini <mariobros@fr2.flashnet.it>  
Subject: [5869] I QRP Club  
Message-ID: <3125D996.4ECE@fr2.flashnet.it>

Hello,  
I'm happy to announce the Home page of the Italian QRP Club.  
try to: <http://www-dx.deis.unibo.it/htqrp/>

It's just the start... comment it to my address  
Good QRP !!!  
best 73's  
IW0FFP Op.Giuseppe I QRP #57

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: svein@eci1.ucsb.edu (Svein Vetti)  
Subject: [5903] Low power VHF transmitter literature  
Message-ID: <9603192311.AA09762@geranium.ucsb.edu>

Hi, does anyone know of any good literature for making low power VHF transmitters (>100mW). I've got the ARRL handbook.

-Svein Vetti, UCSB, CA

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: cjsterl@ix.netcom.com (Craig J. Sterling)  
Subject: [5899] OHR 400  
Message-ID: <199603192140.NAA09519@ix2.ix.netcom.com>

Steve et al,  
Just completed my first project, Explorer II. Works like a charm.  
Thinking about the OHR 400 for the next challenge. Steve, didn't you  
just build the 400? If so, how do you like it? I also recall seeing  
something on the list re a mod you performed to the AGC? Any advice  
would sure be appreciated.

TNX  
Craig Sterling, AA3MD  
Washington, D.C.

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: HARKINC@aol.com  
Subject: [5876] Paragon/qrp out  
Message-ID: <960319101427\_355755132@emout10.mail.aol.com>

Hey folks,

I guess I am the last guy on the planet to find out about the  
mod to the alc portion of the TenTec Paragon. It took more  
time to open the case than it did to make the mod! My thanks  
to the list for alerting me to the mod...

Just in case I'm actually NOT the last one to find out, it is a  
simple mod requiring 1 resistor. R46 on the 2nd mixer board  
is a 100K. Put a 10K in parrallel with it. Just "tack" it across  
R46. My power control now lets me turn it down to milliwatts  
and full power is still 100w out.

The power meter on the Paragon reads about 12 W when the  
WM-1 says 3W... So don't believe the meter in the Paragon.

73,

Randy WJ4P

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: lhalliday@creo.bc.ca  
Subject: [5883] Phone numbers  
Message-ID: <9602198272.AA827255170@mail.creo.bc.ca>

I got so much email about Cirkit and Mainline that I'll just post the numbers here and be done with it...

Mainline: +44 116 2777648  
Cirkit: +44 1992 448899

Other firms I've had good results with in the past year include Viewcom, Cricklewood and Magnetic-France.

Magazine ads are always a good place to start for this sort of stuff, and if you can't get magazines like Electronics World, Practical Wireless and Elektor at your favourite place to buy magazines, demand to know why not!

While it would be customary at this point to disclaim financial involvement with these firms, I can't, really. If mentioning them here causes more business to come their way, it helps maintain useful suppliers of parts. Thus, I profit, albeit indirectly. We all do.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Jerry Parker <jparker@fix.net>  
Subject: [5862] QRP WEB SITES  
Message-ID: <199603190443.UAA13444@fletch.fix.net>

I am looking for any and all known Club, Commercial, and Personal QRP WEB Sites.

If you know of a site please e-mail me directly with the site address at

jparker@tcf.com

Thanks for your help and consideration.

73'es,,,Jerry,,,WA6OWR...K

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [5863] Rig needed  
Message-ID: <199603190451.XAA20086@mh004.infi.net>

OK, guys and gals,

Here's the deal:

I have this friend, Bill, AC4WH, who inspired me to get my ticket about 14 months ago. He's interested in QRP, but he's heard that his big Yaesu doesn't like to be cranked down to 5 watts. He's not a builder. (yet)

He asked me to get him one of the used rigs that appear on the net. I've tried, but I'm always a day late on the ones that he'd enjoy.

So, this is an appeal. If any of you have one too many rigs, and you've been thinking about finding a good home for one, here's your chance to help convert another ham to QRP.

We're looking for a bargain, of course, but will pay a reasonable price.

He's strictly CW, and used to a good receiver. A single band rig on 40 or 30 meters with a superhetrodyne receiver would be preferred. NorCal 40A, NN1G rigs, NW8020, Explorers, etc, would be great. If you've got a kit that's not finished, I'll finish it for Bill.

Make me a deal I can't refuse! Thanks.

CUL,

Bob Kellogg, AE4IC  
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996

From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [5871] SEVERAL THANKS  
Message-ID: <9602198272.AA827249751@smtpgw.ccgate.dl.nec.com>

Folks:

Want to thank all who responded to my questions on the R5. Guess I'll spend the 100 bucks and find out how she does. Hopefully, can't really loose, and maybe even gain some DX.

Also, many, many thanks to Chuck and all the foxii this season. I personally had a lot of fun and enjoyed reading about everyone's hunting experiences. I only "caught" two myself, but it was fun just trying and good experience at working into mini pile-ups.

Thanks again, guys!

72 de Dave KK5HA

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: bkassel@enet.net (Brian Kassel)  
Subject: [5891] SQRPIon QRP Field Event 3-23  
Message-ID: <199603191916.MAA21397@maple.enet.net>

As previously announced, the SQRPIons will have a local QRP to the field event, to be held at White Tanks state park, near Litchfield (Phoenix AZ) for the weekend of 3-23-96.

I will be arriving there on Friday afternoon, leaving around Sunday Noon or so. All are welcome to join us, member or not.

Come as early as Friday late afternoon, camp as long as you want, or just make it a day trip and come see us.

We will have several QRP rigs and antennas set up. Our main bands will be 40 and 30 meters, around the QRP calling frequencies.

We will be discussing preparations for the ARCI QRP TO THE FIELD event to be held on 4-27, and of course \*MANY\* other topics!

To cut down on band width, if you have any questions, or need all of the details, just E-Mail me at:  
bkassel@enet.net  
I'll send you a complete campground description, detailed directions, etc.

This trip is the second in series, in what we hope will be monthly QRP excursions.

It's going to be a beautiful weekend, come do a little QRP with us!

```
*****
*           Brian D. Kassel W5VBO ---- Ham Radio           *
*   W5VBO@W5VBO.AZ.USA NOAM --QRP-L #404, ARCI #3623      *
*****
```

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [5900] Thanks and Sorry!  
Message-ID: <960319214705\_75230.1405\_HHB6-3@CompuServe.COM>

All of the Sprints are gone now. Thanks to everyone who ordered and my appologies to those who weren't quite quick enough. If there's any chance of talking you into an Explorer, 400, wattmeter, or whatever, give me a call on (303) 752-3382.

73/72  
Marshall  
AA0XI/VK5FN

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [5870] Tokyo HT-750 - 40/15/6 strange? No way...  
Message-ID: <Pine.3.89.9603190626.C8568-0100000@w3eax.umd.edu>

40/15/6 meters is not AT ALL a strange combo. An oscillator that can make 7.0-7.2 MHz can also make 21.0-21.6 and 49.0-50.4 MHz.

More importantly, a 1/2 wave antenna at 7 MHz is 3/2 wave at 21 MHz, and 7/2 wave at 50 MHz. Being an odd multiple means that a 40m halfwave dipole will probably be useable on 15 and 6 as well.



Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 40-10/6/2/440  
\*\*\* VHF @ <25w, HF @ <5w \*\*\* Who says Morse Code is dead? \*\*\*  
Stuck at 138 cfd with dipoles - QRP-L, QRP ARCI, DXCC/WAS/WAC  
72/73 de Suburban DC 301-549-1022 h / 301-982-1015 w dit dit

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: BillCombs@aol.com  
Subject: [5884] Transmatch  
Message-ID: <960319124521\_249956047@emout07.mail.aol.com>

Hi Gang,

I am looking for a transmatch, mainly for use with a diople fed with 450 ohm ladder line. I have been considering the MFJ-949E, their 300 watt so-called "Delux" tuner for \$139. I notice Tucker Electronics has a similar unit, their T-1000 for the same price; however, it apparently does not include a dummy load.

Does anyone have any suggestions about these are other tuners?

Thanks and 73

Bill, K4CPK

BillCombs@aol.com

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: rac@usa.net  
Subject: [5880] TT Argonaut ?  
Message-ID: <199603191628.JAA27151@mail.usa.net>

I put a small felt washer between the preselector knob and the panel. Adjust tension by lightly pushing in on knob while tightening set screw.

-Lee WA3FIY-

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: wdzeares@rockdal.aud.alcatel.com

Subject: [5889] TUES FOX

Message-ID: <9603191832.AA08242@aud.alcatel.com>

Chuck said that NQ7K will be the FOX tonight-TUES  
from 0200 to 0400 UTC... but what freq.'s and what  
times??? If anyone finds out, email direct to me  
at wdzeares@ix.netcom.com...  
thanks, 72/73 Dennis K3ETS

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996

From: vhatley@usa.pipeline.com (Vernon A. Hatley)

Subject: [5875] Tulsa HAM Convention this weekend.

Message-ID: <199603191458.JAA11541@pipe10.h1.usa.pipeline.com>

Just a short note to remind everyone that the Tulsa HAM convention is this  
weekend; March 23 & 24. Hope to see some of you there.

--

KK5RO

Vernon A. Hatley

QRP-L #325

Butternut Vertical

Oak Hills Explorer II

46 states - 40 countries

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996

From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>

Subject: [5911] Variometer/Goniometer

Message-ID: <Pine.A32.3.90.960319180511.26070A-100000@weyl.math.Virginia.EDU>

Stan's comments about the variometer are very interesting, and it does  
sound easy to build -- tempting to replace pricey variable capacitors  
and/or roller inductors with a pair of 2" coils, one of which rotates!  
Stan, do you have an antenna tuner design using a variometer?

The variometer reminds me of another intriguing device -- the  
radiogoniometer. The ARRL antenna book makes brief mention of the  
original device:

It consists of two fixed coils...(wound)...at right angles to  
one another. Inside the fixed coils is a moveable coil...  
(The fixed coils)...are connected...to two elements in a  
(fixed) array, and the output to the detector or receiver  
is taken from the moveable coil. As the inner coil is rotated,  
the coupling to one fixed coil increases while that to the other  
decreases. Both the amplitude and phase of the signal coupled  
into the pickup winding are altered with rotation in a way  
that corresponds to actually rotating the array itself.

(ARRL Antenna Book, 1991 edition, p. 14-6)

Whoa -- a rotatable beam with fixed wire elements! These were used (I guess they still are -- though the rotation is now "electronic") for radio direction finding. Would such a setup be too lossy for transmit? Even on receive only, it would be very handy for digging puny qrp signals out of the mud.

Sounds like lots of fun experimenting to be had with nothing more than loops of wire!

72, Ralph AA6UL/4  
Charlottesville, VA

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: David Adams <dave@flowserver.stem.com>  
Subject: [5898] Yikes  
Message-ID: <9603192123.AA12324@flowserver.stem.com>

Man, those heath folks were sadistic!

As you may recall, I am in the middle of building a Heath VF-7401 digital/synth 2m mobile (after which I build the cascade...on 40/17...is there a complete mod sheet avail?). Now, I am impressed with the thorough detailing in the manual and the quality of the kit, but I am not sure I see the logic to the order. They have you stuffing boards, partially wiring them, mounting them and then later having you come back and add another wire or two (which could easily have been wired in in the first place) which requires the skills of a contortionist to wire in...very odd...I guess that's why you are supposed to read through the entire manual before building so that you can spot these odd things and nip them in advance...

Ah, but what a joy to build. I only get a few hours a week as I have to do it when my 3 year old isn't around (she loves tools and can go to the toolbox, grab the PROPER screwdriver for a job and remove the screw....the problem is that outlets all have screws in them....).

At this rate it may be a while before I hit the Cascade, but that's okay.

dave

---

=====

David J Adams	N9UXU QRP-L #83
dave@flowserver.stem.com	NorCal QRP #1442

(415) 813-5028

Flow Cytometry Specialist

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Frank Paxton III <paxton@sound.net>  
Subject: [5882] [Fwd: Re: help ! no receive on 49er !?!?]  
Message-ID: <314EE3F2.6B8B@sound.net>

Steve Bornstein wrote:

>  
> On Mon, 18 Mar 1996, Frank Paxton III wrote:  
>  
> > hey !  
> > my 49er went together fine. transmits fine. qsk fine. but NO RECEIVE ?  
> > all the parts in the receive line are rite. look good. C2 brings up  
> > NOTHING. what should i do ?  
> > frank. ng0n.  
> >  
> >  
> Hello Frank,  
>  
> Check the QSK circuit (Q-1). I initially used a so called direct replacement  
> for the JFET and experienced the same problem.  
>  
> 73, Steve K8IDN

thanks steve... i am using an NTE 312 ... that is SUPPOSED to be an  
equivalent of an EGC 312, which is supposed to .... uggggggg !  
my pal, wb0aaq, is using the same device and is complaining of VERY  
LOW AUDIO (i have NONE) ...

kit builders beware ! even tho the box says it's a DUCK it may be a  
LEMON ...

frank. ng0n.

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>  
Subject: [5873] Re: .jpg pics  
Message-ID: <96Mar19.095405est.57461-11573+53@hooch.CC.Lehigh.EDU>

Gang,

Moved Chuck's pics to ftp://ftp.lehigh.edu/pub/listserv/qrp-l/pictures  
or you can get them via e-mail (UUEncoded) by sending a command in the  
body of an e-mail to listserv@Lehigh.EDU such as:

GET QRP-L/PICTURES GM30.JPG

73

Jim N3VXI

-----  
Archive: pictures (path: qrp-l/pictures) -- Files:

Subarchive: rigs (path: qrp-l/pictures/rigs) -- Files:

gm30.jpg (1 part, 69819 bytes) -- NN1G GM30 in TenTec TP-41 case -- K5F0  
swl40.jpg (1 part, 84052 bytes) -- NN1G SWL40 in SWL case -- K5F0  
wr40a.jpg (1 part, 63895 bytes) -- WR NC40a & Brass Racer -- K5F0

Subarchive: keys (path: qrp-l/pictures/keys) -- Files:

march.jpg (1 part, 50305 bytes) -- Mike March Iambic Paddle -- K5F0  
mcelroy.jpg (1 part, 89726 bytes) -- Ted McElroy Teardrop and Bunnell J-38 --  
K5F0  
racer.jpg (1 part, 61102 bytes) -- Vibroplex Brass Racer w/o wooden base -- K5F0  
spain.jpg (1 part, 75433 bytes) -- Key manufactured in Spain -- K5F0  
-----

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: N9DD@aol.com  
Subject: [5886] Re: 49'er  
Message-ID: <960319130915\_249973851@emout10.mail.aol.com>

In a message dated 96-03-18 13:27:13 EST, you write:

>Well, my 49'er parts package arrived last Thursday. Worked on it as I had  
>time  
>over the weekend, and last night it saw "First RF." (Is that the radio  
>equivalent of First Light??)  
>

I usually refer to that as "First Smoke"

Tom N9DD  
South Bend, IN

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996

From: N9DD@aol.com  
Subject: [5887] Re: 49-er success  
Message-ID: <960319130946\_249974267@emout07.mail.aol.com>

In a message dated 96-03-18 19:58:37 EST, N6KR wrote:

>  
>P.S. How about an equally simple 17-meter DSB transceiver for Dayton next  
>year?

Next Year?? My opinion of you as an RF-God has slipped. With 8 weeks to go  
I'm sure there must be enough time to "whip up" a good design in time :-).

I'd love to see such a project!

72,

Tom N9DD  
South Bend, IN

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [5902] Re: 49-er success  
Message-ID: <Pine.SUN.3.90.960319141314.24826B-100000@vortex.sage.dri.edu>

DSB??????

That's only for those who talk with forked tounges..... :-)

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: msdoooley@rdxsunhost.aud.alcatel.com (Michael S. Dooley)  
Subject: [5893] Re: Antennas anyone?  
Message-ID: <9603191956.AA07779@collie.aud.alcatel.com>

Henry and Henry,

I've been married almost 23 years now and been a ham 18 of those. When my

wife is asked if she minds me being a ham her comment is: "I don't mind because when he's out of sight, I always know where he is... right down the hall in the shack... not in some bar somewhere." And she's right!

So... for her birthday, Christmas... or whenever she gets whatever she wants. Heck, I just bought her a new candy apple red sporty lookin' car! lessee now, where's that new radio catalog!

Mike KE4PC

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [5901] Re: Antennas anyone?  
Message-ID: <Pine.SUN.3.90.960319141453.24826C-100000@vortex.sage.dri.edu>

On Tue, 19 Mar 1996, Michael S. Dooley wrote:

> Henry and Henry,  
>  
> Heck, I just bought her a new candy apple red sporty lookin' car! lessee now,  
> where's that new radio catalog!  
>  
> Mike KE4PC  
>

Yep, went to Dayton last year and my wife of almost 38 years was driving around Reno in her new little green Saturn!

You can have my catalog.....I can't afford to buy anything now! cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Johnson\_Dan@aac.com  
Subject: [5881] Re: Fox Winners - 2 to go  
Message-ID: <9603191937.19765.aa@SMROUTER.AAC.COM>

Chuckmeister:

> Email me what you think about going to  
> just one fox per week. I personally think  
> that two is an added burden on time looking  
> for the fox. Sure it doubles the chances  
> of a success, but this is just a hobby gang.

I can appreciate a need to reduce the burden on Those of You who invest substantial time on behalf of the rest of us greedy, fox-lusting slobs, but  
P L E A S E, N O O O O O O O O O... there have been many times when:

- (1) just can't hear nothin' to, from, or about the fox on the air, or
- (2) "An Amateur is balanced"... and can't even turn on the radio for one reason or another on a given day

and having another chance later this week or early next week helps soften the blow of the crushing jaws of defeat.

You should understand that this is the perspective of a ham who doesn't have the competitive juices of a starving wolf and is happy with a middle-of-the-road score, seeing's'how the goal is not the destination but the journey. Besides which, if a Fox needs to bow out and said Fox is the sole source for the entire week, their guilt and self-recriminations could be magnified greatly.

That being said, what might we do to encourage use of the other bands? The Glowbuggers and Knightlights are generating RF on 160M and 80M, there's the Fox on 40M and your propagation contes^H^H^H^H^Hstudy on 30M, but what about 20M, 17M, 15M, 12M, and 10M? Except for formal, "we're" not even using half the HF bands. (Dang, I just realized that my RF has never graced 12M except for a single test transmission.)

Okay, the sunspot cycle has something to do with this, but do we really \*know\* how far we can get on the upper bands during this time? I've got a 20M VXO TX and an all-bander that spends its life now down at QRP, but to be honest, I'm guilty, guilty, guilty of not even LISTENING to those other bands. One hears stories about 10M being dead unless one actually TRANSMITS something, whereupon other hams who also think 10M is dead suddenly realize that it's not.

Heck, might as well copy the list on this to give folks an opportunity to ask what's wrong with me, why don't I just get on those other bands and DO IT without needing QRP-L (read: Chuck) to lead me by the hand. (Nice job of flame deflection, huh?) (Running and ducking anyway.)

On my way out, and to ensure that I use maximum bandwidth here, I'd like to thank each of the Foxii (even the ones responsible for hours of NOTHING, THANK YOU VERY MUCH) for your contributions to our common enjoyment (YEAH,



RIGHT, LIKE STRAINING ONE'S EARS FOR AN HOUR AND A HALF TO FIND SOMETHING INTELLIGIBLE BETWEEN STATIC CRASHES, RTTY, QRO SIGNALS, AND SIDEBAND IS FUN), and to Chuck for stirring the pot to make it all actually happen. (Whoa, just reread the subject line, it ain't over yet.)

72,

-d

Johnson\_Dan@aac.com

-----  
KC4EWT ~ Radio Free Herndon VA ~ QRP-L #288 ~ QRP ARCI #8741 ~ NWQRP #340  
Specializing in CW ~ Boatanchors ~ QRP Operating ~ Old-Time Radios  
-----

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [5885] RE: Fox Winners - 2 to go  
Message-ID: <9603191801.AA06474@aud.alcatel.com>

Thanks Dan for telling it like it is to Dr. Chuck..  
With out two FOX chances, I have to go to AA meetings or something, even church on Weds...the addiction that comes from, as Dan says, "its not the destination but the journey...STRAINING ONE'S EARS FOR AN HOUR AND A HALF TO FIND SOMETHING INTELLIGIBLE BETWEEN STATIC CRASHES, RTTY, ORO SIGNALSK, AND SIDEBAND IS FUN..." and man, if there is only one FOX a week and they don't show up, wow the guilt that they will be forced to carry... Maybe we need to take a poll or a vote of all the qrp-l members and FOX participants. Thanks to all who have been the FOX and to Dr. Chuck for providing a great "journey."  
72/73 Dennis K3ETS

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [5890] Re: Fox Winners - 2 to go  
Message-ID: <199603191839.LAA04958@usr3.primenet.com>

At 06:07 AM 3/19/96 GMT, chuck adams wrote:

>

>Email me what you think about going to  
>just one fox per week. I personally think  
>that two is an added burden on time looking  
>for the fox. Sure it doubles the chances  
>of a success, but this is just a hobby gang.  
>

One or two shouldn't make much difference, unless there is a shortage of folk willing to be the Fox. If I had a better antenna system I'd love to do it, but there's no sense in punishing people by forcing them to try to find a weak signal from an R-7 at ground level in the trees.

The hunt is the thing. There were times when I couldn't listen on a particular night, and I survived that. Even survived not hearing the Fox when I could listen.

Using a lot of words to say that it doesn't matter to me. I'll still be in the chase however it works out. I think the votes of the potential Foxii should decide....it's they who are hammering out "CQ FOX" for two hours at a time.

72/73, de Roger AA7QY

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>  
Subject: [5864] RE: Help-RFI from neighbors computer  
Message-ID: <314E6741@ncsbsr01ou.ntc.nokia.com>

>operation. So any ideas about what I can do????

>Thanks, 72/73 Dennis K3ETS Dallas

>

At first, make sure the computer's case is grounded!  
After that you can try different rf-chokes to all the leads coming out from the case.

73/72 de Jukka OH6SC

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: bfollett@ditell.com

Subject: [5912] Re: Help-RFI from neighbors computer  
Message-ID: <199603200231.TAA01486@orion.ditell.com>

Gang with Computer RFI:

Lots of studies have been done on reducing RFI from computers, (usually class B, not the kind Gobrick buys for his wife). There are NO universal answers!

Aside from the obvious stuff already mentioned, one of the biggest emitters can be the monitor. Unfortunately, the only way to tame it (aside from a faraday cage), is to paint it on the inside with conductive paint. The stuff is available, but a big pain...and doesn't do anything for your neighbor's computer.

For the neighbor computer problem, I suggest buying an ANC-4, and running the probe antenna as close as you can get to the computer to pick up as much noise as possible. Local noise cancelling by phasing is still the most reliable way to handle the problem, and when you can't fiddle with the electronics making the noise, it's the only reasonable solution short of moving.

The usual disclaimers: I don't work for JPS...but I really think those of you with local noise/power line problems are missing a bet if you don't give the ANC-4 a try.

73, Bob (A happy owner with a computer that has 13 external cables sitting next to qrp rigs )

-----  
Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: JCoote@aol.com  
Subject: [5905] Re: Help-RFI from neighbors computer (lengthy)  
Message-ID: <960319191514\_172382968@mail02.mail.aol.com>

In a message dated 96-03-18 19:58:37 EST, wdzeares@ix.netcom.com (W. Dennis Zeares) writes:

>New neighbor moved in down stairs under me... and I have all kinds of  
>"birdies" up and down the 20M band... don't know about 40M yet.. I did  
>go down and "check" to see if his computer was on when the birdies  
>started today and sure enough they coincide with his computer  
>operation. So any ideas about what I can do????

>Thanks, 72/73 Dennis K3ETS Dallas

Dennis & Group,

I just finished trapping the RFI emitting from a computer in a "Fuel Master" gasoline pump system used by a city to dispense (and audit) fuel to police cars, etc. This little gem was putting out all kinds of stuff from 7-30 Mhz, some of the signals were S-5! It interfered with our disaster comm radio which uses 1.8-29 Mhz, antenna only 50 feet from the interfering CPU.

I cured my problem with ferrites and capacitors. I had to go into the unit (with the blessings of the manufacturer, who did not want to send an engineer 2000 miles) and solder caps and add ferrites. The capacitors across the phone and 120 VAC power leads helped the most, in this case.

I am assuming you are on speaking terms with the neighbor, and convey enough trust to be allowed to work on their computer?

First, purchase ferrite toroids or those snap-on boxes. Be sure the ferrite or powdered iron has enough permeability to trap HF with a few turns. Many of these are for VHF RFI. In most cases, the RFI will be riding on a lead or cable going to or from the CPU. You want to try ferrites on all the leads, probably close to the CPU- power cables, printer, modem, phone lines, monitor... and so on. Are they using a surge protector with RFI filtering? One of those my help. Try different combinations and locations of powdered iron and ferrite. Try toroids, rods beads and boxes.

What about taking a thick ground lead from the CPU chassis to a cold water pipe ground?

Hopefully some of these "non-invasive" cures will reduce the RFI.

I can't advise about opening someone's computer and soldering caps across power, phone or other I/O leads. If the disk crashes and they lose 3 GB of critical business data, someone will knock on your door and you will be served legal papers for breaking the computer. They won't want to hear about why you opened the computer to fix the RFI. Be careful.

Now, if you aren't on good terms with the neighbor there are only a few things you can do with your station. The old saw about re-routing the feedline and antenna for example. End-fed random wires sometimes have to run close to house wiring, phone and cable TV lines. Try balanced line, or properly terminated coax. Try surge protectors with RFI filters on your equipment. Try a thick common-point ground wire to a cold water pipe.

I've heard of FCC people shutting down computer vendors because their Taiwanese brand-x CPUs were not meeting Part 15 specs for RF radiation and so on. I wonder if the FCC makes "house calls" anymore? I believe that with

computers and some other consumer junk, the buyer must: A/ resolve interference caused by their junk  
B/ accept any interference picked up by their junk. If the neighbor is an armed postal employee, disregard A and B!

73, Jay  
WB6AAM

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Dave Kelley <aa7tq@hayden.edu>  
Subject: [5868] Re: ic-706 info appreciated  
Message-ID: <199603190704.AAA02805@netbox.hayden.edu>

>does anybody have any experience with the new icom rig  
>they care to share?...looks like my first, er possibly  
>my first hf rice box purchase.....am seeking info past  
>what is in the qst and cq-vhf articles/reviews....ANY  
>info including just ur impressions whud be welcomed  
>....nay tnxs in advance  
>72's baab,n6cxb  
>bfinch@asp.vet.purdue.edu

Well, since this little rig does a great job starting at 2 watts on all of the HF bands I thought I'd do some rambling right here on the list.

I'm an operator that likes a good RX and a lot of easy to use features. At first I thought the 706 was too small and would be hard to use the "menus". I was wrong...super easy to get used to. I have noticed that the only problem is the "new hams" who are buying this rig. They are having a hard time with it because of all the operating features. They are turning on the split, or memory without knowing what those do or how to turn them off. Can you imagine the problems they will have with the other functions they have never heard of? First time HF operators should have a radio with a knob for each function so they can understand what it does and how to do it. Virtually every tunable function on the 706 is done with the main tuning knob with the menu set for that function. Easy for us OFs that know what the features do.

BTW, the menus are actually split into 3 sets of 2-4 menus. And, as you change modes you will get different options on the same menus. For example, if you have CW selected then break in is an option and in SSB it's the compressor in that same menu location. Sounds confusing but it's not! You

only see what you need.

Operation wise I really love the RX. Clear and crisp. The tuning knob moves you faster on the band if you spin it faster (still getting used to that, but it's great!) The menu is on the display and it's VERY big and easy to read in the dark. I haven't had it in the Arizona sun yet to see if I can read it, but LCD should do just fine. I think it will have a little trouble with close stations...rejection isn't all that great, but the signal has to be 60+ to be a problem.

I'm a super keyer user but the keyer in the 706 is a dream to use and adjust. Very good feel.

I still can't handle how cool it stays even after a nice high speed CW QSO! The fan is always on, but it doesn't bother me.

There is a mod for it that I understand the factory is now doing on new shipments. It's a pretty easy mod and it opens up the VHF bands from 54-169 Mhz so you can actually hear something. It worked fine on 2 meters but I understand there is some filter that was switching on for the 2 meter band and it didn't pass anything else above 6 meters. I couldn't hear our weather station (line of sight) on 162.55. After the mod it comes in fine as does the FM broadcast (yes, it has wide band FM for RX). My wife walked by and heard me listening to some music that sounded very good and she was shocked that my little 706 was that talented. It'll be handy camping too.(when the bands are dead of course!)

I have hooked up my KAM for all the other modes. No problems and plenty of drive all around.

I put in the 500hz CW filter. I might have done better with the 250hz...and you can only add one filter.

In 30 years I've owned everything from the good old tube stuff (that weighed more than me!) to almost the complete Kenwood line. TS-820,140,430, and 450. This is my first Icom and I am loving it! My HW-9 is a blast and I'm going to keep it until I die....but I am having as much fun with this neat little rig.

If anyone has any questions please feel free to e-mail me.

7.3 Dave, AA7TQ (ex-WA7GPF)

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: "Don Snider" <dsnider@access.digex.net>

Subject: [5908] Re: ic-706 info appreciated  
Message-ID: <199603200057.TAA23865@access4.digex.net>

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Dave Kelley <aa7tq@hayden.edu>  
Subject: Re: ic-706 info appreciated

>BTW, the menus are actually split into 3 sets of 2-4 menus. And, as you  
>change modes you will get different options on the same menus. For example,  
>if you have CW selected then break in is an option and in SSB it's the  
>compressor in that same menu location. Sounds confusing but it's not! You  
>only see what you need.

The menus do seem a bit confusing at first, but after a while, you realize how well they are implemented. It has just about everything you can imagine. Even 1hz tuning. And, the options are quick and easy to get to.

>I'm a super keyer user but the keyer in the 706 is a dream to use and  
>adjust. Very good feel.

I've been told that the QSK chops a bit of the first dit or dah in a letter but that it's not too bad unless you're sending over 35WPM. It sounds fine to me at 13WPM. It may sound a touch harsh. However, the relay does clatter a lot during QSK operation and that takes a while to get used to.

>I still can't handle how cool it stays even after a nice high speed CW QSO!  
>The fan is always on, but it doesn't bother me.

The fan is on all the time and speeds up during xmit. It's sounds somewhat like a computer fan. I notice it in a very quiet environment.

> It'll be handy camping too.(when the bands are dead of course!)

The only catch is that it draws around 2 amps even on receive, so it may not last long on a gel cell.

> but I am having as much fun with this neat little rig.

I agree, this is one fantastic rig. I use it as my main station at home and as my mobile rig. My only wish is a notch filter. I'm still suprised that they didn't include one.

Don Snider,  
WB4ZHO  
dsnider@access.digex.net

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: john <johnmb@nando.net>  
Subject: [5904] Re: Low power VHF transmitter literature  
Message-ID: <9603192338.AA25873@nando.net.nando.net>

you might try the Motorola RF databook....  
/john

At 03:11 PM 3/19/96 PST, you wrote:  
>Hi, does anyone know of any good literature for making low power VHF  
>transmitters (>100mW). I've got the ARRL handbook.  
>  
>-Svein Vetti, UCSB, CA  
>  
>  
>

-----  
John Brewer johnmb@nando.net  
WB50AU/4 AMI #24  
Vintage Gear web page: <http://www.zynet.com/~johnb>  
-----

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: PAT DOYLE <DOYLEPS@lakehurst.navy.mil>  
Subject: [5874] Re: New members/DVRA hamfest -Reply  
Message-ID: <s14e8207.078@LAKEHURST.NAVY.MIL>

DVRA Hamfest is at Trenton State College  
(University) on Rt 31 south off of I95. It is a  
short distance down 31 on the left.

Interstate 295 North turns into Interstate 95



South just north Route 1. I95 south (heading north) then does a loop around to the west, crosses the Delaware into Pennsylvania and turns south.

440 is no good for me either.

Hope see some or all on Sunday.

73 de KA2GSL

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [5892] RE: QRP To The Field  
Message-ID: <960319144715.23e7320a@carib.vf.mmc.com>

David and all;

I intend to bring the N2CX Standard Field Operating Ensemble to the QRP To the Field activity. Can you tell I've done this more than once?

Rigs:

- 1 - NE 30-40
- 1 - NC 40A
- 1 - Argo 509 (80, 40, 20, 15, 10)
- 1 - 2 meter HT

Antennas:

- 3 - 20 foot guyed PVC antenna masts with guy lines, stakes, etc.
  - 1 - 40 mtr Hamstick
  - 1 - 30 mtr Hamstick
  - 1 - 20 mtr Hamstick
  - 1 - 40 meter dipole
  - 1 - 30 meter Bic flamethrower dipole
  - 1 - 20 meter PVC Gusher dipole
- misc. extra wire, extension cables and adaptors, PVC twine, split tennis ball and weights for tangling antennas in trees :-).

Other stuff:

- 1 - 12 VDC solar charged Gel cell kit (incl 1.9 AH and 4 AH gel cells)
- 1 - MFJ 941 (?) antenna tuner
- 1 - Autek RF-1 Antenna Analyzer
- 1 - OHR WM-1 RF wattmeter
- 1 - Set of stationary supplies (steno pad blue line pad, pencils, pens)
- 1 - Coleman two-burner stove (if needed), also coffee pot and pan

- 1 - Cooler full of ice and cold stuff
- 1 - Thermos of coffee and stuff to make more
- 1 - Aluminum beach chair
- 1 - folding camp stool

Any ideas for a sturdy inexpensive operating table?

Anybody got some tarps and supports to keep the elements off us?  
John, are there trees nearby for shade?

72/73,

Joe E., N2CX

From owner-qrp-l@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [5896] RE: QRP To The Field  
Message-ID: <960319161020.23e7320a@carib.vf.mmc.com>

Paul

Oops, I sent it to the wrong address, again. I really intended not to waste the qrp-l group's bandwidth with something intended for the NJQRP reflector. That's a problem with this automated address stuff. The alias, @qrpl is very close to @qrpnj and I goofed!

Here's an excerpt of the site description with call signs and names deleted for privacy. Sounds like a good day even without ham radio!

" It's an eight acre field with a lake and pond, bordered by lots of trees, and the best part is it's owned by a ham, WA2\_\_\_. ZZZ said we are more than welcome to use his back field, camp over if we want, and fish in the pond. BTW he stocks the pond with some pretty big bucket mouth bass. The location is in Monroeville (NJ), and is very accessible from Route 55."

The last several years our club from work has had the good fortune to be allowed to operate Field Day from a local Boy Scout camp. We use a training area that groups naturally pass through, so the hamming activity gets some extra exposure. We've also had special setups other times in the camp to expose the kids (and their advisors) to ham radio.

Not as snazzy as a ghost town though :-).

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: RhyneK@aol.com  
Subject: [5872] Re: QRP WEB SITES  
Message-ID: <960319095652\_172027989@emout07.mail.aol.com>

The main QRP Web site is <http://qrp.cc.nd.edu/qrp-1/>

Here you will find links to all sorts of QRP info.  
Also check out <http://www.raddev.com/biz/raddev/> .

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: "Dwight G. Jones" <104307.2100@compuserve.com>  
Subject: [5865] RE: Tokyo HT-750  
Message-ID: <199603190055\_MC1-25E-B255@compuserve.com>

Jim-

Tokyo used to sell a line of VHF amps, microphones, and miscellaneous radio stuff. All the major ham stores had them. For some reason, very few of their products are imported to the US any more, but they still sell in Japan. The HT-750 that they make covers 40/15/6 meters. I am not aware of any other bands being offered. 40/15/6 seems like a strange mix to some people, but it makes sense for hikers- I use 6 for mountaintopping, 15 is good for DX, and you can always find someone to talk to on 40 meters.

Henry Radio was selling HT-750's not too long ago. I don't know if they are still in stock. There was a QST article last year that tells how to order the HT-750 directly from Japan. The author takes his radio on Boy Scout campouts and uses it to get boys hooked on RF. I can look up the article if you are interested.

I am thinking about buying one of their amplifiers, but will probably end up home brewing one instead.

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>  
Subject: [5888] RE: Transmatch  
Message-ID: <48569.owen@apollo.eeel.nist.gov>

In message Tue, 19 Mar 1996 12:45:23 -0500, BillCombs@aol.com writes:

> Hi Gang,

>  
> I am looking for a transmatch, mainly for use with a diople fed with 450  
> ohm ladder line.  
>  
> Does anyone have any suggestions about these are other tuners?  
>  
Bill, if you're looking for a tuner to be used mainly with tuned feeders  
then it best to find a tuner that is link coupled and DOESN'T use a Balun  
for the tuned output. I suggest you look for a used Johnson MatchBox, even  
the low power version thats rated for 250 watts will easily handle 750 watts  
CW since its 250 watt rating was for 100% AM modulation. You should not have  
to pay more than about \$80-100 for one without the SWR meter and about  
\$15-30 more for the SWR meter. There is also a KW version that will easily  
handle 3KW but its pretty large and overkill (and how) if qrp is what you'll  
be doing. 73 Jim K4CGY qrp-1 #72.

From owner-qrp-1@Lehigh.EDU Tue Mar 19 22:05:40 1996  
From: Steve Bornstein <sabornsb@freenet.columbus.oh.us>  
Subject: [5895] Re: [Fwd: Re: help ! no receive on 49er !?!?]  
Message-ID: <Pine.3.07.9603191624.A13859-b100000@acme>

On Tue, 19 Mar 1996, Frank Paxton III wrote:

> Steve Bornstein wrote:  
> >  
> > On Mon, 18 Mar 1996, Frank Paxton III wrote:  
> >  
> > > hey !  
> > > my 49er went together fine. transmits fine. qsk fine. but NO RECEIVE ?  
> > > all the parts in the receive line are rite. look good. C2 brings up  
> > > NOTHING. what should i do ?  
> > > frank. ng0n.  
> > >  
> > >  
> > Hello Frank,  
> >  
> > Check the QSK circuit (Q-1). I initially used a so called direct replacement  
> > for the JFET and experienced the same problem.  
> >  
> > 73, Steve K8IDN  
>  
> thanks steve... i am using an NTE 312 ... that is SUPPOSED to be an  
> equivalent of an EGC 312, which is supposed to .... uggggggg !  
> my pal, wb0aaq, is using the same device and is complaining of VERY  
> LOW AUDIO (i have NONE) ...  
>

> kit builders beware ! even tho the box says it's a DUCK it may be a  
> LEMON ...  
>  
> frank. ng0n.  
>  
>  
Frank et al,

That is the same device I had the problem with. Mouser said it was a replacement but IT IS NOT. When I put the proper part in the problem was solved.

73, Steve K8IDN QRP-L #331>